

s/n: 10/606,221
date: 11-3-04

("4233612" "4321627" "4513298" "4535343" "4745416"			
"4764776" "4769659" "4783149" "4794410" "4794463"			
"4812859" "4847630" "4862197" "4894664" "4903051"			
"5021808" "5040074" "5095376" "5159349" "5589865"			
"5691759" "5719602" "5732168" "5734394" "5742305"			
"5745152" "5760817" "5805296" "5844588" "5870132"			
"5920336" "5929892" "5933184" "5984464" "5991055"			
38	"6135586" "6266073" "6318825" "2002/0051031").PN.	USPAT	11/1/04 16:38
9	4745416.URPN.	USPAT	11/1/04 16:35
(((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and			
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or			
91	light))) and ((stray or ghost or unwanted) with light))	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:34
((((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
243)).CCLS.) and (((scan\$5 and (rotat\$5 with (polygon or prism)) and			
(laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or			
56	light))) and ((stray or ghost or unwanted) with light))) and drum\$2	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:34
((((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and			
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and drums)			
29	and ((stray or ghost or unwanted) with light)	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:31
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((stray			
377	or ghost or unwanted) with light)	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:31
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-			
6876	262)).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
(359/618,196,204,206,212,216-			
6122	221,226,227,234,520,522,872,873,874,833,834).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834) or (347/256-262,233-			
8841	243)).CCLS.	USPAT; US-PGPUB; IBM_TDB	11/1/04 16:30
11	4930869.URPN.	USPAT	11/1/04 14:35
((((359/618,196,204,206,212,216-			
221,226,227,234,520,522,872,873,874,833,834).CCLS.) and			
((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light))			
and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or			
diode\$2))) and ((stray or ghost or unwanted) with light)) not			
57	4796964.URPN.	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:30

<p>(((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or diode\$2)))) and ((stray or ghost or unwanted) with light)) not ((((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.)) and drums) 30 and ((stray or ghost or unwanted) with light))</p>	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:30
<p>(scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and 4826 ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or diode\$2)) ((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or 715 diode\$2))))</p>	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:29
<p>(((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser\$2 or light\$2 or 59 diode\$2)))) and ((stray or ghost or unwanted) with light) (scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and 4804 ((plural\$5 or multipl\$4 or several) with (laser or light)) 29 4796964.URPN. 29 4796964.URPN. 3 ("4796961" "4796964" "5233175").PN. ((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 714 221,226,227,234,520,522,872,873,874,833,834).CCLS.)</p>	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:29
<p>(((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 358 221,226,227,234,520,522,872,873,874,833,834).CCLS.)) and drums (359/618,196,204,206,212,216- 5772 221,226,227,234,520,522,872,873,874,833,834).CCLS. 9715 scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light) 3 5793515.URPN. 4 ("3944323" "5204769" "5270849" "5337182").PN. 3 5337182.URPN. 0 6501586.URPN. 4 ("5200611" "5489936" "5793515" "6313935").PN. 1 ("4561717").PN. 3 ("4390235" "4855761" "4962983").PN. 8 takayama-hidemi.in. 1 ("5473466").PN. 2 (("5181137") or ("5784094")).PN. (((scanning adj optical adj system) and (rotating adj polygon)) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834) or (347/256- 45 262)).CCLS.)) and (plural\$5 with (laser or light))</p>	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:28
	USPAT	11/1/04 14:18
	USPAT	11/1/04 14:17
	USPAT	11/1/04 14:16
	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:13
<p>(((scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light)) and ((plural\$5 or multipl\$4 or several) with (laser or light))) and ((359/618,196,204,206,212,216- 358 221,226,227,234,520,522,872,873,874,833,834).CCLS.)) and drums (359/618,196,204,206,212,216- 5772 221,226,227,234,520,522,872,873,874,833,834).CCLS. 9715 scan\$5 and (rotat\$5 with (polygon or prism)) and (laser or light) 3 5793515.URPN. 4 ("3944323" "5204769" "5270849" "5337182").PN. 3 5337182.URPN. 0 6501586.URPN. 4 ("5200611" "5489936" "5793515" "6313935").PN. 1 ("4561717").PN. 3 ("4390235" "4855761" "4962983").PN. 8 takayama-hidemi.in. 1 ("5473466").PN. 2 (("5181137") or ("5784094")).PN. (((scanning adj optical adj system) and (rotating adj polygon)) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834) or (347/256- 45 262)).CCLS.)) and (plural\$5 with (laser or light))</p>	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:13
	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:12
	USPAT; US-PGPUB; IBM_TDB	11/1/04 14:11
	USPAT	11/1/04 13:44
	USPAT	11/1/04 13:43
	USPAT	11/1/04 13:43
	USPAT	11/1/04 13:42
	USPAT	11/1/04 13:42
	USPAT; US-PGPUB; IBM_TDB	11/1/04 10:41
	USPAT	11/1/04 10:40
	USPAT; US-PGPUB; IBM_TDB	3/10/04 16:21
	USPAT; US-PGPUB; IBM_TDB	3/10/04 16:21
	USPAT; US-PGPUB; IBM_TDB	3/10/04 15:02
	USPAT; US-PGPUB; IBM_TDB	3/10/04 13:43

74	((scanning adj optical adj system) and (rotating adj polygon)) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834) or (347/256- 262)).CCLS.)	USPAT; US-PGPUB; IBM_TDB	3/10/04 13:42
2	((scanning adj optical adj system) and (rotating adj polygon)) and (light adj shield)) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834) or (347/256- 262)).CCLS.)	USPAT; US-PGPUB; IBM_TDB	3/10/04 13:20
3	((scanning adj optical adj system) and (rotating adj polygon)) and (light adj shield)	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:22
2261	scanning adj optical adj system	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:21
170	(scanning adj optical adj system) and (rotating adj polygon)	USPAT; US-PGPUB; IBM_TDB	3/10/04 11:21
6	5463418.URPN.	USPAT	2/18/04 17:52
39	5251055.URPN.	USPAT	2/18/04 17:51
4	("4796963" "4863227" "5153608" "5251055").PN.	USPAT	2/18/04 17:49
2	5903379.URPN.	USPAT	2/18/04 17:48
0	6633424.URPN.	USPAT	2/18/04 17:48
2	("5903379" "6400488").PN.	USPAT	2/18/04 17:48
8	4863227.URPN.	USPAT	2/18/04 17:44
18	((((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or unwant\$5) with light)) and opaque ((rotating with (mirror or polygon)) same light) and (((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or unwant\$5) with light))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:41
28	(shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or unwant\$5) with light	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:41
5203	((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((shield\$4 or block\$4 or prevent\$4) with (ghost\$5 or stray\$5 or unwant\$5) with light)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:38
123	((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or unwant\$5) near2 light))) and (shield\$4 or block\$4) (rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or unwant\$5) near2 light)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:37
11430	((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or unwant\$5) near2 light))) and (shield\$4 or block\$4) (rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or unwant\$5) near2 light)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:37
728	((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((rotating with (mirror or polygon)) and ((ghost\$5 or stray\$5 or unwant\$5) near2 light))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:36
74	unwant\$5) near2 light))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:36
16869	rotating with (mirror or polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
8400	(rotating with (mirror or polygon)) same light ((359/618,196,204,206,212,216- 221,226,227,234,520,522,872,873,874,833,834).CCLS.) and ((rotating with (mirror or polygon)) same light)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
985	SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO- YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama- yoshihiro.in.))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:35
17	yoshihiro.in.))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15

SAITO, TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15
35904 SAITO-TOSHIMITSU.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) not (SHINOZAKI-SHIMPEI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) not (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)))	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:15
17 SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:13
41 YUTAKA.in. not hama-yoshihiro.in. (SUZUKI-YASUSHI.in. not hama-yoshihiro.in. not (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.)) and (rotati\$5 same polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:11
0 YUTAKA.in. not hama-yoshihiro.in.)) and (polygon)	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:11
0 hama-yoshihiro.in. and ghost	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
1 hama-yoshihiro.in. and stray	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
1 hama-yoshihiro.in. and shield	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and ghost	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and stray	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
0 (TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.) and shield	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:10
4 TAKAKUBO-YUTAKA.in. not hama-yoshihiro.in.	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:09
25 hama-yoshihiro.in.	USPAT; US-PGPUB; IBM_TDB	2/18/04 17:05